

# Converting Colors

Hex(EF1D82)

Have a look what the booklet for  
Hex(EF1D82) contains.

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**Color**

**Hex(EE1D82)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE1D82
RGB	238, 29, 130
RGB Percent	93%, 11%, 51%
CMY	0.0667, 0.8863, 0.4902
CMYK	0.00, 0.88, 0.45, 0.07
HSL	331°, 86%, 52%
HSV	331°, 88%, 93%
XYZ	39.7285, 20.6676, 23.0144
YIQ	103.0050, 92.1430, 75.7190

# Conversions

## Conversions Part 2

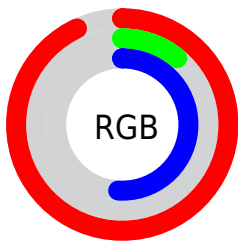
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 29, 130
Decimal	15605122
CIE Lab	52.58, 78.23, -0.89
CIE LCh	53, 78.230, 359.349
Yxy	20.6676, 0.4763, 0.2478
Android (android.graphics.Color)	4293795202 (0xFFEE1D82)
YUV	103.0050, 13.3085, 118.3906
Hunter-Lab	45.4616, 76.4319, 1.8083

# Details

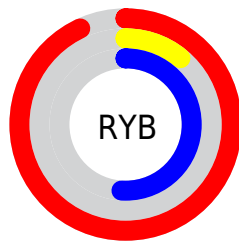
The Hex color **EE1D82** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **1DEE89**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF68B7**, and **B00051** is the 20% darker color. If you saturate the color by 10%, you get **EE0576**, and if you desaturate by 10%, it is **EE358E**.

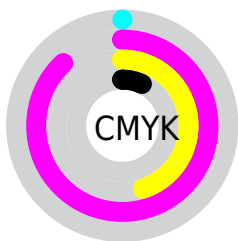
# Distribution



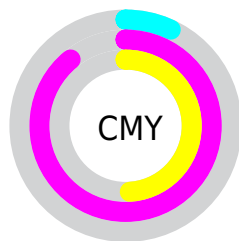
- Red (93%)
- Green (11%)
- Blue (51%)



- Red (93%)
- Yellow (11%)
- Blue (51%)



- Cyan (0%)
- Magenta (88%)
- Yellow (45%)
- Black (7%)



- Cyan (7%)
- Magenta (89%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE1D82 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color EE1D82 by changing the saturation by 10% instead.



 EE1D82

 EE1D82


FFFFFF

 CF0069

 FF68B7

 B00051

 FF87D2

 91003A

 FFA5EF

 720025

 FFC3FF

 550010

 FFE1FF

 370002

 080000

 000000

 EE1D82

 EE1D82

■ EE0576

■ EE358E

■ EE0073

■ EE4D9B

■ EE64A7

■ EE7CB3

■ EE94BF

■ EEACCC

■ EEC4D8

■ EEDBE4

■ EEF3F1

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CA44C3



EE1D82



EB3540

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EE1D82



568C00



0095F2

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



EE1D82



1DEE89

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009ABE



EE1D82



009532

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EE1D82



997A00



009A7A



0087FF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EE1D82



D9510F



009A7A



0097E3



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



EE1D82



FFBDDD



891DEE



80586B



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



EE1D82



FF007B



EE201D



786C72



B80059



38001B



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EE1D82



FF007B



1DEBEE



786C72



B80059



38001B



# Previews

## White Background



This preview shows how the Hex color EE1D82 looks on a white background.

## Color Contrast Check

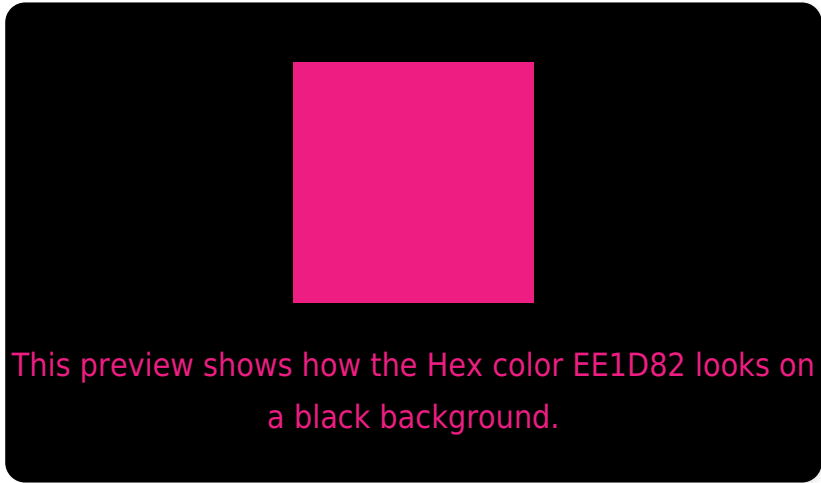
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EE1D82 Background



This preview shows how black text looks on a background with the Hex color EE1D82.



This preview shows how white text looks on a background with the Hex color EE1D82.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**

EE1D82



**Protanomaly**

9B59A4



**Deuteranomaly**

B0587C



**Tritanomaly**

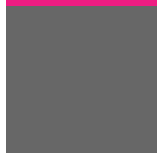
EB2F54

# Monochromacy



**Original Color**

EE1D82



**Achromatopsia**

676767



**Achromatomaly**

984C71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE1D82 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #EE1D82 looks like.

```
.text, #text, p{  
    color:#EE1D82  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #EE1D82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE1D82
}
```

## Border

The CSS property to change the border of an element to Hex EE1D82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EE1D82 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#EE1D82 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #EE1D82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE1D82; -webkit-box-shadow:4px 4px  
4px 4px #EE1D82; box-shadow:4px 4px 4px  
4px #EE1D82 }
```

# Background

The CSS property to change the background color of an element to Hex EE1D82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE1D82 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#EE1D82 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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